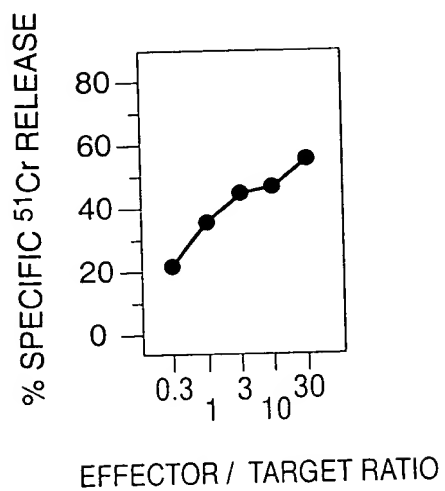
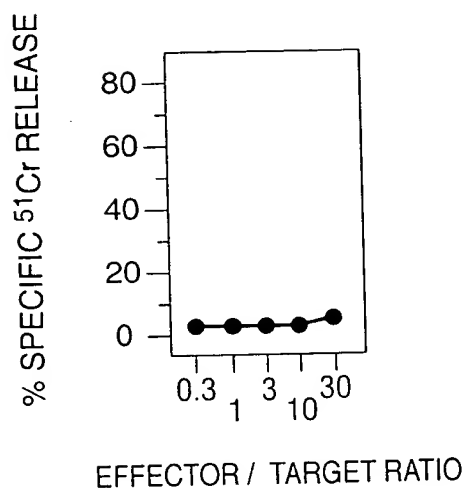
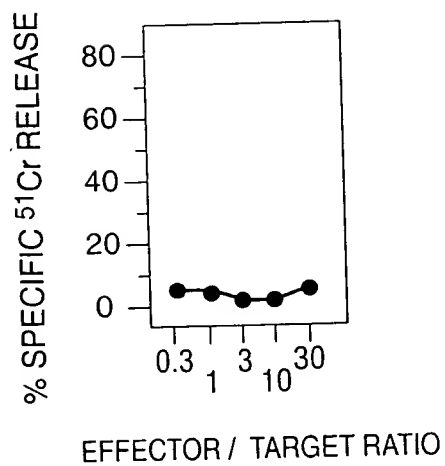
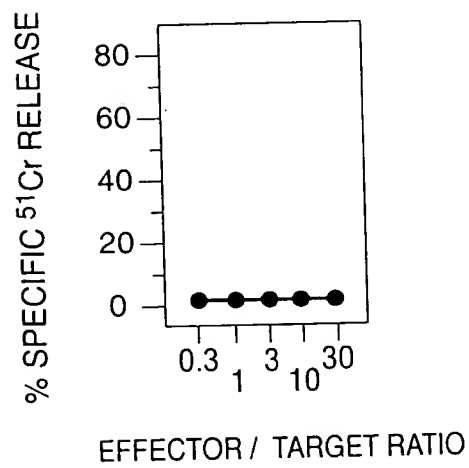


FIG. 1A**FIG. 1B****FIG. 1C****FIG. 1D**

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FIG. 2

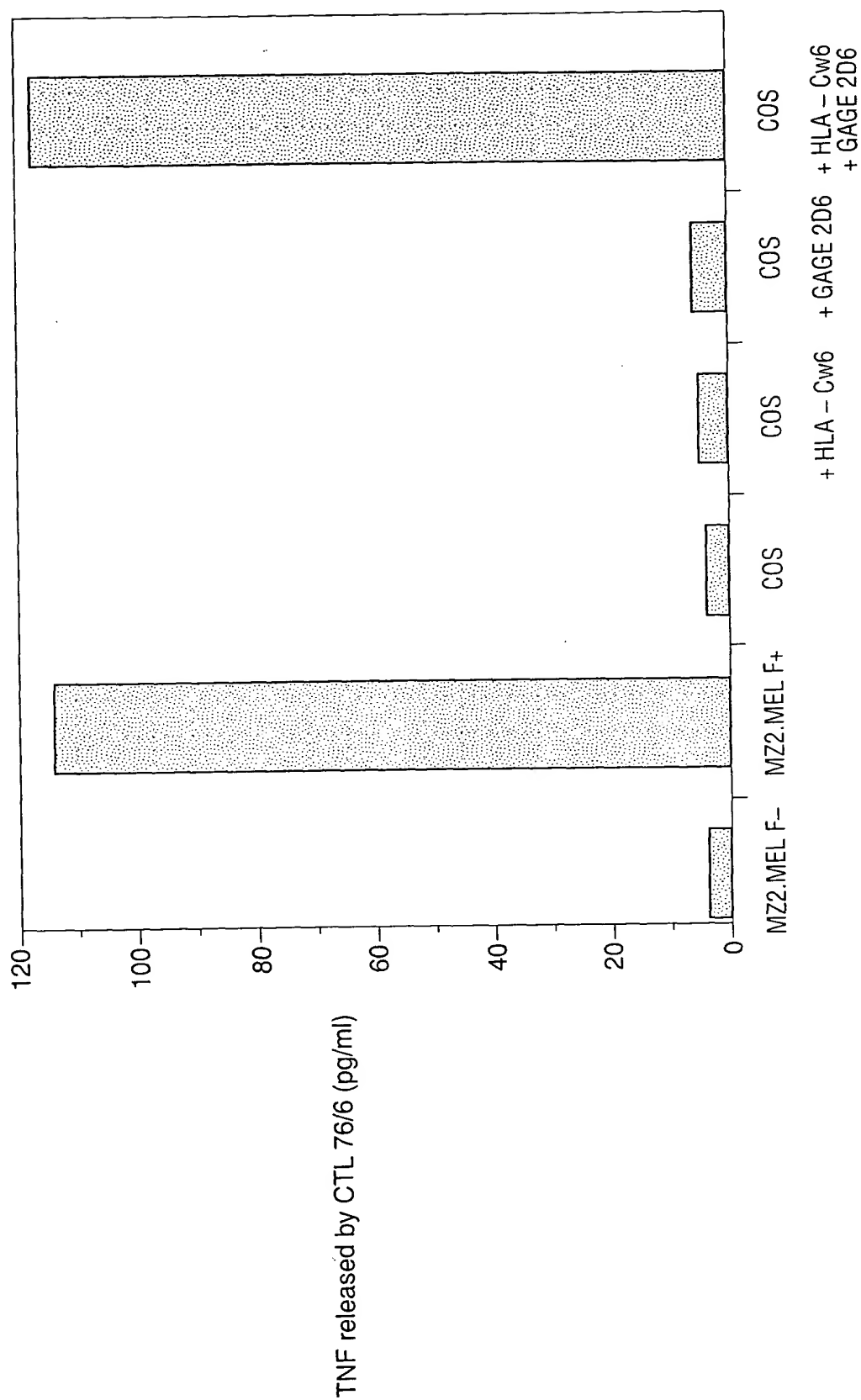


FIG.3

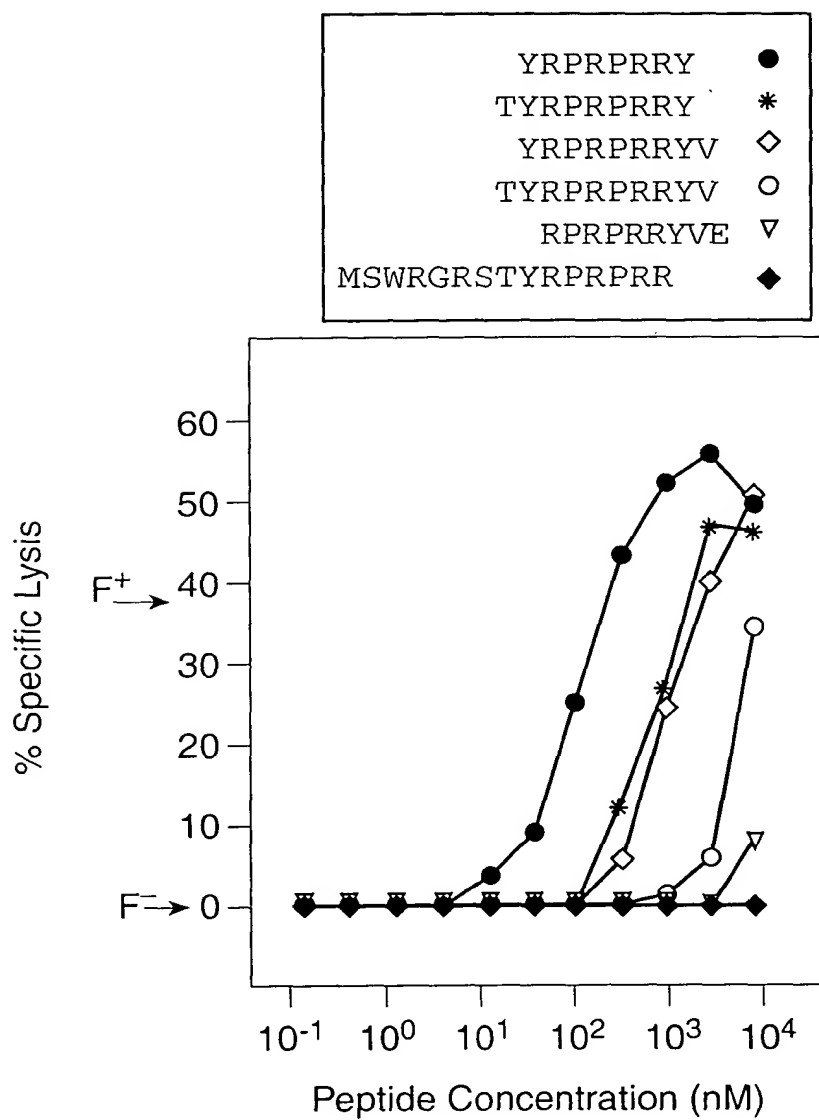


FIG. 4A

Sequence	Position	Consensus	Frequency	Information Content
GAGE-1	1	CTGAGGCAGTGTGTTCTCTCT	100	1.585
GAGE-2	2	CTGAGGCAGTGTGTTCTCTCT	100	1.585
GAGE-3	3	CTCATATTACACAGATGTTGGCGAG	100	1.585
GAGE-4	4	CTGAGGCAGTGTGTTCTCTCTCT	100	1.585
GAGE-5	5	CTGAGGCAGTGTGTTCTCTCTCT	100	1.585
GAGE-6	6	CTGAGGCAGTGTGTTCTCTCTCT	100	1.585

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[illegible]

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VDE 43

GAGE-1	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT
GAGE-2	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT
GAGE-3	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT
GAGE-4	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT
GAGE-5	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT
GAGE-6	ATGCGGCCGAGCAGTTTCAGTGATGAAGTG	GAAC CAGCAACACCTGAAGAAGGGGAACCA	GCAACTCAACGTGAGGATCCCTGCAGCTGCT

GAGE - 1	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3
GAGE - 2	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3
GAGE - 3	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3
GAGE - 4	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3
GAGE - 5	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3
GAGE - 6	CAGGAGGAGAGGATGAGGAGCATCTGCA	GGTCAAGGGCCGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT	3

FIG. 4B

VDE 24

GAGE-1	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	AGATGAGGCTCTCACTAT	3
GAGE-2	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	-----	4
GAGE-3	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	-----	4
GAGE-4	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	-----	4
GAGE-5	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	-----	4
GAGE-6	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCCGCCAAATCCAGAGAGGTGAAA	ACGCCTGAAGAAAG	-----	4
GAGE-1	GTTGCCCAGACTGGGATTCTCTGGCTTTTA	ATGAACAAATTGCTTCTTAAATCTTTCCCCA	CGGAAACCTTGA	GTGACTGAAATATCAAAT	4
GAGE-2	-----	-----	-----	-----	4
GAGE-3	-----	-----	-----	-----	4
GAGE-4	-----	-----	-----	-----	4
GAGE-5	-----	-----	-----	-----	4
GAGE-6	-----	-----	-----	-----	4
GAGE-1	GGCGAGAGACCGTTTAGTTCCTATCATCTG	TGGCATGTGAAGGGGCAATCAACAGTGTAAA	AGAAGACATCTG	TGAAATGTTGCAGGCTGCT	5
GAGE-2	-----	-----	-----	-----	4
GAGE-3	-----	-----	-----	-----	4
GAGE-4	-----	-----	-----	-----	4
GAGE-5	-----	-----	-----	-----	4
GAGE-6	-----	-----	-----	-----	4

GAGE-1	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	6
GAGE-2	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	5
GAGE-3	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	5
GAGE-4	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	5
GAGE-5	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	5
GAGE-6	CCTATGTTGGAAAATTCTTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	5

0

FIG. 5

Antigenic
Peptide

GAGE-1	MS-WRGRST-YRPRPRRYVPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-2	MS-WRGRST-YRPRPRRYVPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-3	MNLSRGKSTYYMPPRRRYVQPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-4	MS-WRGRSTYYMPPRRRYVQPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-5	MS-WRGRSTYYMPPRRRYVQPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-6	MS-WRGRSTYYMPPRRRYVQPPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-1	DSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEEMRSHVVAQTGILW	LLMNNCFLMLSPRKP	13
GAGE-2	HSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQC	-----	11
GAGE-3	DSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQC	-----	11
GAGE-4	DSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQC	-----	11
GAGE-5	DSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQC	-----	11
GAGE-6	DSQEQQGHPQTGCCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQC	-----	11

FIG. 6

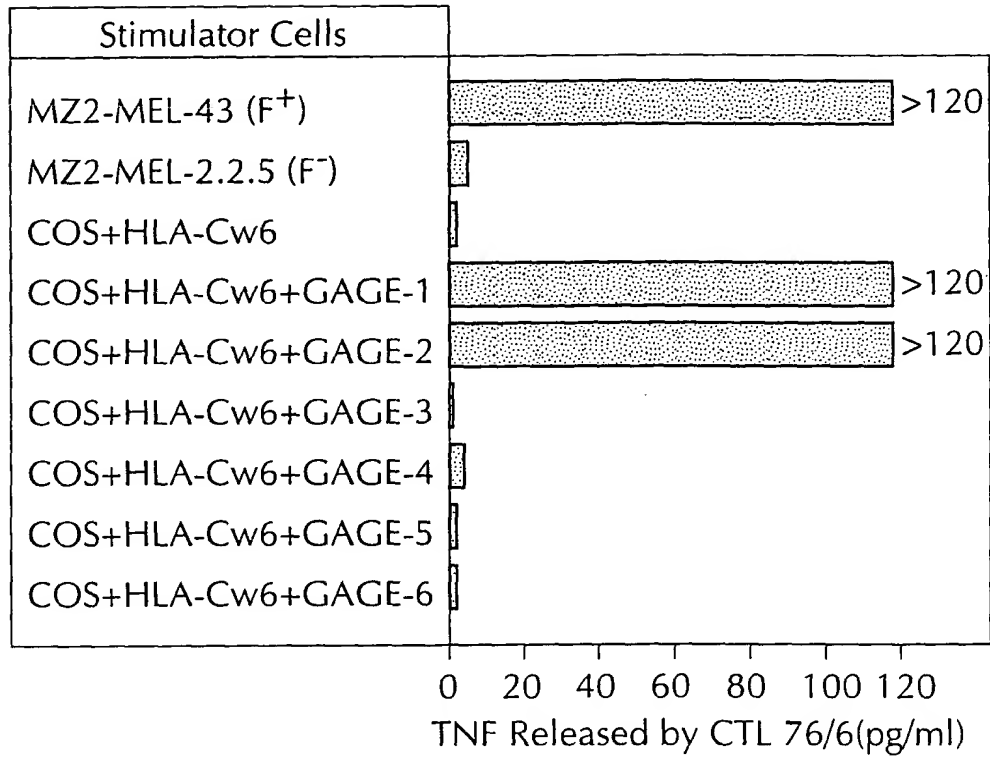


FIG. 8

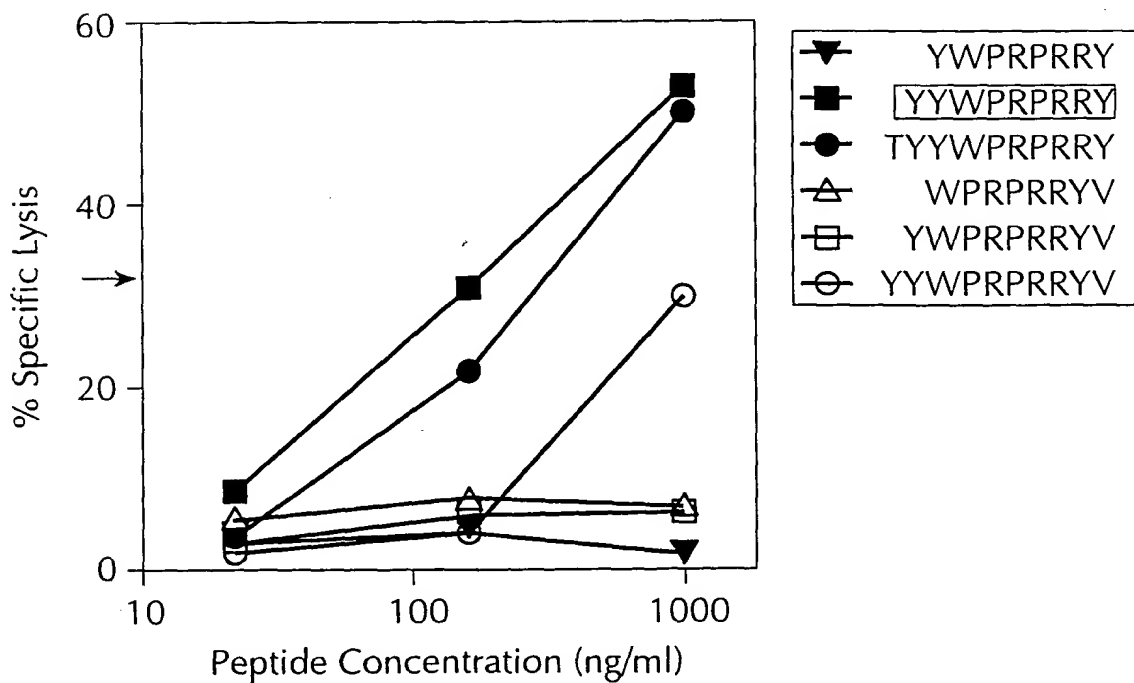


FIG. 7

